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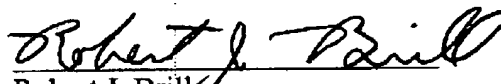
NGC-146 / 000309-199

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: David B. Hall                      EXAMINER: Michael A. Lyons  
APPLN. NO.: 10/615,729      GROUP: 2877      CONF. NO. 1802  
FILED: 07/09/2003      DOCKET: NGC-146/000309-199  
TITLE: FILTERED CALCULATION OF SENSOR ARRAY INDUCED PHASE  
ANGLE INDEPENDENT FROM DEMODULATION PHASE OFFSET OF  
PHASE GENERATED CARRIER

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being sent via facsimile transmission to Commissioner for Patents, Mail Stop Amendment, Group Art Unit 2877, Attention: Michael A. Lyons, P.O. Box 1450, Alexandria, VA 22313-1450, at fax number (703) 872-9306, on July 8, 2005.

  
Robert J. Brill  
Attorney for Applicant  
Reg. No. 36,760

Date of Signature: July 8, 2005

Commissioner for Patents  
Mail Stop Amendment  
Group Art Unit 2877  
Attention: Examiner Michael A. Lyons  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Fax Number (703) 872-9306

**RESPONSE TO OFFICE ACTION**

Dear Sir:

This paper is filed in response to the Office Action mailed April 22, 2005 in connection with the above-designated application. A response to the Office Action is due July 22, 2005. Therefore, this Response is timely filed.

**BEST AVAILABLE COPY**